

# [Communication Systems and Methods Using Microelectronics Power Distribution Network]

## Abstract

A communication system, which includes a microelectronics chip including a power distribution network; a transmitter operatively configured to generate a communication signal and provide the communication signal to the power distribution network; and a receiver operatively configured to receive the communication signal from the power distribution network. A method is also provided for transmitting a communication signal via a power distribution network of a microelectronics chip.